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Terms	Documents
L12 and oxygen concentration	6

1

US Pre-Grant Publication Full-Text Database

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Database:

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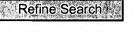
IBM Technical Disclosure Bulletins

Search:

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Search History

DATE: Sunday, January 25, 2004 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=Pe	GPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		
<u>L13</u>	L12 and oxygen concentration	6	<u>L13</u>
<u>L12</u>	L10 and 12 and 15 and 16	21	<u>L12</u>
<u>L11</u>	L10 and 12 and 14	4	<u>L11</u>
<u>L10</u>	L9	66638	<u>L10</u>
<u>L9</u>	L8 and 11	66638	<u>L9</u>
<u>L8</u>	560/\$ or 562/\$	110891	<u>L8</u>
<u>L7</u>	L6 and explos\$7	0	<u>L7</u>
<u>L6</u>	L5 and (propane or propylene or acrolein or isobutylene or methacrolein)	21	<u>L6</u>
<u>L5</u>	L3 and shell and tube and reactor	25	<u>L5</u>
<u>L4</u>	L3 and shell and tube reactor	4	<u>L4</u>
<u>L3</u>	L2 and oxygen and air	634	<u>L3</u>
<u>L2</u>	L1 and oxidat\$6 and acrylic acid	1435	<u>L2</u>

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Search Results - Record(s) 1 through 6 of 6 returned.

☐ 1. Document ID: US 20030187294 A1

Using default format because multiple data bases are involved.

L13: Entry 1 of 6

File: PGPB

Oct 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030187294

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030187294 A1

TITLE: Process for producing catalysts comprising nanosize metal particles on a porous support, in particular for the gas-phase oxidation of ethylene and acetic acid to give vinyl acetate

PUBLICATION-DATE: October 2, 2003

INVENTOR - INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hagemeyer, Alfred	Frankfurt		DE	
Dingerdissen, Uwe	Seeheim-Jugenheim		DE	
Kuhlein, Klaus	Kelkheim		DE	
Manz, Andreas	Sinzheim		DE	
Fischer, Roland	Neckargemund		DE	

US-CL-CURRENT: 560/241; 502/325, 502/344

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWAC	Drawe (

L13: Entry 2 of 6

File: USPT

Aug 5, 2003

US-PAT-NO: 6603038

DOCUMENT-IDENTIFIER: US 6603038 B1

TITLE: Method for producing catalysts containing metal nanoparticles on a porous support, especially for gas phase oxidation of ethylene and acetic acid to form vinyl acetate

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw De

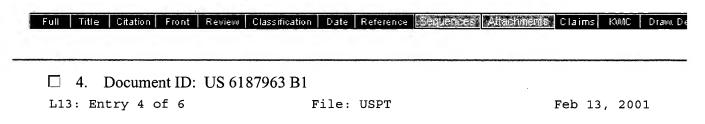
	3.	Docu	ım	ent	ID:	US 6492548 B	1
L13	:	Entry	3	of	6		

Dec 10, 2002

US-PAT-NO: 6492548

DOCUMENT-IDENTIFIER: US 6492548 B1

TITLE: Process for the oxidation of alkanes

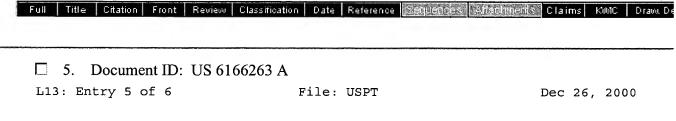


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US-PAT-NO: 6187963

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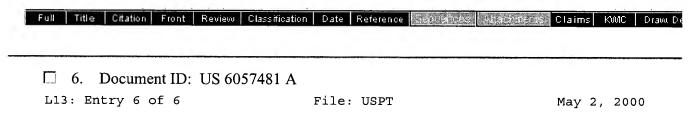
TITLE: Processes for the manufacture of acrolein derivatives



US-PAT-NO: 6166263

DOCUMENT-IDENTIFIER: US 6166263 A

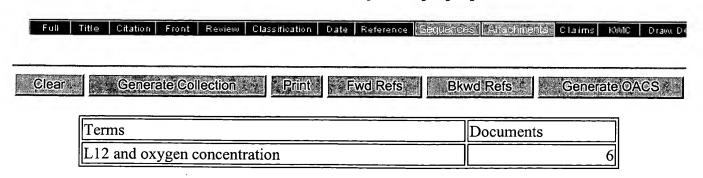
TITLE: Processes for the manufacture of acrolein



US-PAT-NO: 6057481

DOCUMENT-IDENTIFIER: US 6057481 A

TITLE: Processes for the manufacture of methylmercaptopropanal



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Search Results - Record(s) 1 through 10 of 21 returned.

☐ 1. Document ID: US 20030187294 A1

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L12: Entry 1 of 21

File: PGPB

Oct 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030187294

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030187294 A1

TITLE: Process for producing catalysts comprising nanosize metal particles on a porous support, in particular for the gas-phase oxidation of ethylene and acetic acid to give vinyl acetate

PUBLICATION-DATE: October 2, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Hagemeyer, Alfred Frankfurt DE Dingerdissen, Uwe Seeheim-Jugenheim DE Kuhlein, Klaus Kelkheim DE Manz, Andreas Sinzheim DE Fischer, Roland Neckargemund DE

US-CL-CURRENT: <u>560/241</u>; <u>502/325</u>, <u>502/344</u>

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	∂KWIC⊱ ¦° Dr	avu De

	2.	Docume	nt ID:	US 20	030045749	A 1						

File: PGPB

PGPUB-DOCUMENT-NUMBER: 20030045749

PGPUB-FILING-TYPE: new

L12: Entry 2 of 21

DOCUMENT-IDENTIFIER: US 20030045749 A1

TITLE: Method for production of organic acid

PUBLICATION-DATE: March 6, 2003

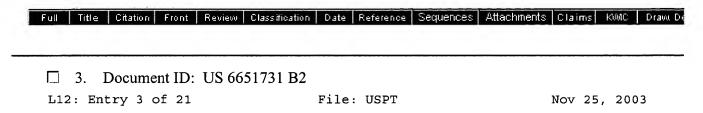
INVENTOR - INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Mar 6, 2003

Nishimura, Takeshi Himeji-shi JP
Mitsumoto, Tetsuji Himeji-shi JP
Sakamoto, Kazuhiko Himeji-shi JP
Haramaki, Hidefumi Himeji-shi JP

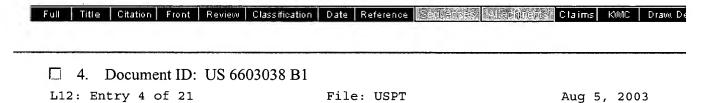
US-CL-CURRENT: 562/523; 560/1, 60/691



US-PAT-NO: 6651731

DOCUMENT-IDENTIFIER: US 6651731 B2

TITLE: Method for cooling heating grade heat exchanger in unsteady state



US-PAT-NO: 6603038

DOCUMENT-IDENTIFIER: US 6603038 B1

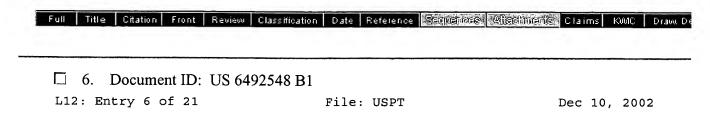
TITLE: Method for producing catalysts containing metal nanoparticles on a porous support, especially for gas phase <u>oxidation</u> of ethylene and acetic acid to form vinyl acetate

Full Ti	tle Citation	Front	Review	Classification	Date	Reference	Sequence:	Aligination	Claims	KWWC Draw
□ 5.	Docume	nt ID:	US 65	65969 B1						
L12:	Entry 5 c	of 21			File:	USPT		1	May 20,	2003

US-PAT-NO: 6565969

DOCUMENT-IDENTIFIER: US 6565969 B1

TITLE: Adhesive article



US-PAT-NO: 6492548

DOCUMENT-IDENTIFIER: US 6492548 B1

TITLE: Process for the oxidation of alkanes

Full Title Citation Front Review Classification Date Reference Seguences Attachments Claims KMC Draw De

☐ 7. Document ID: US 6482981 B2

L12: Entry 7 of 21

File: USPT

Nov 19, 2002

US-PAT-NO: 6482981

DOCUMENT-IDENTIFIER: US 6482981 B2

TITLE: Method for producing acrylic acid

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw. De □ 8. Document ID: US 6462232 B1 L12: Entry 8 of 21 Oct 8, 2002 File: USPT

US-PAT-NO: 6462232

DOCUMENT-IDENTIFIER: US 6462232 B1

TITLE: Production process for acrylic acid under controlled temperature conditions

Full Title Citation Front Review Classification Date Reference Sequences Attachrieris Claims KMC Draw De ☐ 9. Document ID: US 6342473 B1

File: USPT

US-PAT-NO: 6342473

DOCUMENT-IDENTIFIER: US 6342473 B1

L12: Entry 9 of 21

TITLE: Hard surface cleaning compositions comprising modified alkylbenzene

sulfonates

Full Title Citation Front Review Classification Date Reference Sequences Matachinents Claims KNMC Draw De

☐ 10. Document ID: US 6303556 B1

L12: Entry 10 of 21

File: USPT

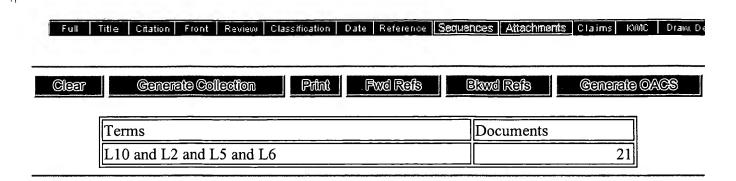
Oct 16, 2001

Jan 29, 2002

US-PAT-NO: 6303556

DOCUMENT-IDENTIFIER: US 6303556 B1

TITLE: Hard surface cleaning compositions comprising modified alkybenzene sulfonates



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